

Cashew-nut Sheller

Innovator: Mr. Subhash Vasantryao Jagtap, Jalgaon, Maharashtra

- Fresh/wet cashew are carried by the chain conveyer for de-shelling
- The cutter consists of two powered discs each having four knives
- Two tools attack on the nut simultaneously, the shell needs to be separated manually
- The conveyer chain has cups to hold the nuts, the spacing of the cups has been kept matching the speed of the rotary disc/cutting tool
- Can process over 25 kg cashew nut per day



- ❑ Present prototype has components made of readily available MS from scrap and are not properly aligned (i.e shaft, cutting blades and gears). Also the shell needs to be opened manually which is panic operation.
- ❑ To design and develop value added prototype (with provision of removing the shell automatically)

NIF India, Ahmedabad

[video](#)